

COX6B2 抗原（重组蛋白）

中文名称：COX6B2 抗原（重组蛋白）

英文名称：COX6B2 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to N terminal 89 amino acids of human COX6B2

技术规格

Full name:	cytochrome c oxidase subunit VIb polypeptide 2 (testis)
Synonyms:	CT59; COXVIB2
Swissprot:	Q6YFQ2
Gene Accession:	NP_653214
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The cytochrome c oxidase (COX) family of proteins function as the final electron donor in the respiratory chain to drive a proton gradient across the inner mitochondrial membrane, ultimately resulting in the production of water. The mammalian COX apoenzyme is a dimer, with each monomer consisting of 13 subunits, some of which are mitochondrial and some of which are nuclear. Localized to the intermembrane space, COX6b2 (Cytochrome c oxidase subunit 6B2), also known as Cytochrome c oxidase subunit VIb isoform 2 and Cancer/testis antigen 59, is a 88 amino acid mitochondrial protein that is responsible for joining the two COX monomers to form the COX dimer. COX6b2 is specifically expressed in testis and is found to

be upregulated in certain cancer cell lines.